

Abstract

A filter construction for use in a disk drive enclosure. The filter construction includes a first filter portion that removes or reduces contaminants entering the disk drive enclosure; the filter construction further includes a second filter portion that removes or reduces contaminants present within the disk drive enclosure. In one embodiment, the first filter portion has an adsorbent filter, such as a breather filter, positioned over the disk drive port that extends from the enclosure to the exterior of the enclosure. A diffusion channel can be combined with the adsorbent filter. The second filter portion includes an adsorbent filter, such as a recirculation filter, which allows air or gas to flow through with little resistance.

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